BEST AVAILABLE COPY

FOLEY & LARDNER
ATTORNEYS AT LAW
WASHINGTON HARBOUR
3000 K STREET, N.W., SUITE 500
WASHINGTON, D.C. 20007-5109
TELEPHONE: (202) 672-5300
FACSIMILE: (202) 672-5399

FACSIMILE TRANSMISSION

Total # of Pages 7 (including this page)

TO:	PHONE:	FAX #:
Examiner Tongoc Tran U.S. Patent and Trademark Office	571-272 3843	571-273 3843

From:	William T. Ellis
Sender's Direct Dial:	(202) 672-5485
Date:	August 5, 2005
Client/Matter No:	68398-102
User ID No:	0251

MESSAGE:

Re: U.S. Patent Application Serial No. 09/761771

As requested by you, attached is the "Examiner's Amendment" showing the line number changes.

If there are any problems with this transmission or if you have not received all of the pages, please call (202) 672-5340.

Operator:	Time Sent:	Return Original To:
		Pi-hua Shiek

CONFIDENTIALITY NOTICE: THE INFORMATION CONTAINED IN THIS FACSIMILE MESSAGE IS INTENDED ONLY FOR THE PERSONAL AND CONFIDENTIAL USE OF THE DESIGNATED RECIPIENTS NAMED ABOVE. THIS MESSAGE MAY BE AN ATTORNEY-CLIENT COMMUNICATION, AND AS SUCH IS PRIVILEGED AND CONFIDENTIAL. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT OR ANY AGENT RESPONSIBLE FOR DELIVERING IT TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT YOU HAVE RECEIVED THIS DOCUMENT IN ERROR, AND THAT ANY REVIEW, DISSEMINATION, DISTRIBUTION OR COPYING OF THIS MESSAGE IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE AND RETURN THE ORIGINAL MESSAGE TO US BY MAIL. THANK YOU.

PAGE 1/7 * RCVD AT 8/5/2005 12:22:08 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-6/24 * DNIS:2733843 * CSID: * DURATION (mm-ss):02-00

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with William Ellis on May 27, 2005 and May 31, 2005.

In Claims:

In claim 1, on line 7, replaces "an MDC" with – "a Manipulation Detection Code (MDC)" - -

on line 8, replaces "a non-cryptographic Manipulation Detection Code (MDC)" with - - "a non-cryptographic MDC" - -

In claim 28, on line 10, replaces "one MDC" with - - "one Manipulation Detection Code MDC" - -

on line 16, replaces "a non-cryptographic Manipulation Detection Code (MDC)" with - - "a non-cryptographic MDC" - -

In claim 29, on line 16, replace "an MDC" with - - "a MDC" - -

on line 17, replaces "the non-cryptographic Manipulation Detection Code" with - - "the non-cryptographic MDC" - -

In claim 47, on line 2, after "comprising:", inserts - - "at least one computer-readable medium having computer-readable program code embodied therein or among them if more than one medium, capable of being executed by a computer, comprising:" - -

on line 7, replaces "an MDC" with - - "a manipulation Detection Code (MDC)" - -

on line 8, replaces "a non-cryptographic Manipulation Detection Code (MDC)" with - - "a non-cryptographic MDC" - -

In claim 49, on line 2, replaces " an MDC" with - - "a MDC" - -

In claim 50, on line 2, after "comprising:", inserts - - "at least one computer-readable medium having computer-readable program code embodied therein or among them if more than medium, capable of being executed by a computer, comprising:" - -

on line 8, replaces "one MDC" with - - "one Manipulation Detection Code (MDC)" - -

14-15

on line 14, replaces "a non-cryptographic Manipulation Detection Code (MDC)" with - - "a non-cryptographic MDC"- -.

In claim 52, on line 2, after "comprising:", inserts - - "at least one processor, and a memory operatively connected thereto, wherein the at least one processor includes therein, or among them if more than one processor, the following components:" - -

on line 7, replaces "an MDC" with - - "a Manipulation Detection Code (MDC)" - -

on line 8, replaces "a non-cryptographic Manipulation Detection Code (MDC)" with - - "a non-cryptographic MDC" - -

In claim 54, on line 2, replaces "an MDC" with - - "a MDC" - -

In claim 55, on line 2, after "comprising:", inserts - - "at least one processor, and a memory operatively connected thereto, wherein the at least one processor includes therein, or among them if more than one processor, the following components:" - -

on line 7, replaces "one MDC" with - - "one Manipulation Detection Code (MDC)" - -

on line 14, replaces "a non-cryptographic Manipulation Detection Code (MDC) with - - "a non-cryptograph MDC" - -

In claim 56, line 8, replaces "one MDC" with - - "one Manipulation Detection Code (MDC)" -

on line 18, replaces "the non-cryptographic Manipulation Detection Code" with - - "the non-cryptographic MDC" - -

In claim 57, on line 2, after "comprising:", inserts "at least one computer-readable medium having computer-readable program code embodied therein or among them if more than medium, capable of being executed by a computer, comprising:" - -

In claim 59, on line 2, after "comprising:", inserts "at least one computer-readable medium having computer-readable program code embodied therein or among them if more than medium, capable of being executed by a computer, comprising:" - -

In claim 61, on line 2, after "comprising:", inserts - - "at least one processor, and a memory operatively connected thereto, wherein the at least one processor includes therein, or among them if more than one processor, the following components:" - -

In claim 63, on line 2, after "comprising:", inserts - - "at least one processor, and a memory operatively connected thereto, wherein the at least one processor includes therein, or among them if more than one processor, the following components:" - -

In claim 65, on line 6, replaces "an MDC" with - - "a Manipulation Detection Code (MDC)" - -

on line 6-7, replaces "a non-cryptographic Manipulation Detection Code (MDC) with - - "a non-cryptographic MDC" - -

In claim 71, on line 2, after "method steps", inserts "at least one computer-readable medium having computer-readable program code embodied therein or among them if more than medium, capable of being executed by a computer, comprising:" - -

on line 7, replaces "an MDC" with - - "a Manipulation Detection Code (MDC)" - -

replaces "a non-cryptographic Manipulation Detection Code (MDC)" with - - "a non-cryptographic MDC" - -

In **claim 77**, on line 2, after "comprising:", inserts - - "at least one processor, and a memory operatively connected thereto, wherein the at least one processor includes therein, or among them if more than one processor, the following components:" - -

on line 6, replaces "an MDC" with - - "a Manipulation Detection Code (MDC)" - -

on line 7, replaces "a non-cryptographic Manipulation Detection Code (MDC)" with - - "a non-cryptographic MDC" - -

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tongoc Tran whose telephone number is (571) 272-3843. The examiner can normally be reached on 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gregory Morse can be reached on (571) 272-3838. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Examiner: Tongoc Tran
Art Unit: 2134

TT

May 31, 2005

David Y. Jung
Primary Examiner

also, David Jung (6/20/05)

This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☒ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.
As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.